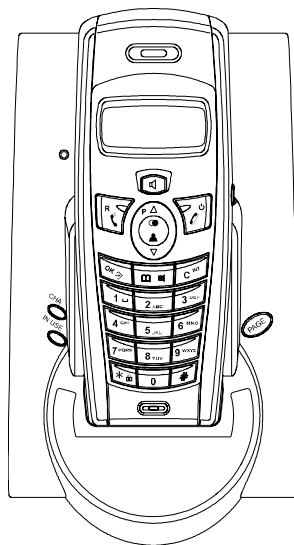


User Manual

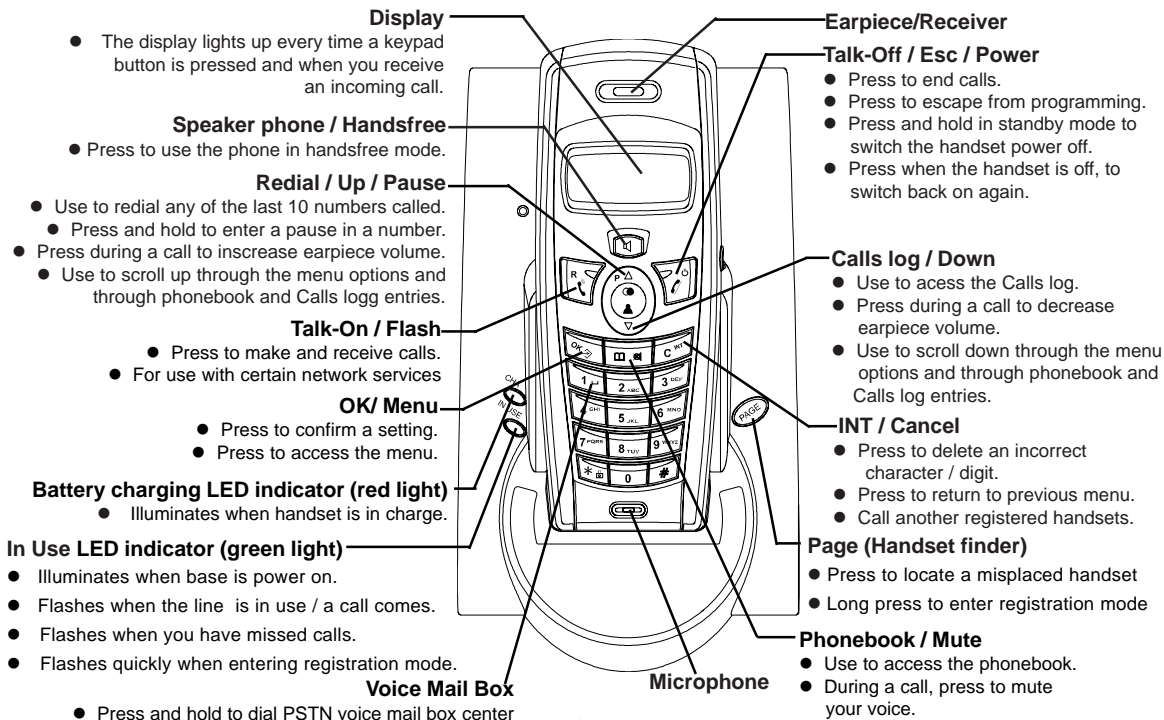
BEKO BD 220













CONTENTS







| | | | | | |
|--|----|---|----|---|----|
| KEYS POSITION | 3 | Adjust handset earpiece during a call. | 12 | Keypad lock | 21 |
| LCD DISPLAY ON HANDSET | 4 | Switching your handset On or Off | 13 | Auto Answering | 21 |
| MENU OPTIONS | 5 | Page function | 13 | EXPANDING YOUR DECT SYSTEM | |
| QUICK REFERENCE GUIDE | 6 | Out of range warning | 13 | Adding new handset | 22 |
| INSTALLATION PRECAUTION | 7 | USING PHONE BOOK | | - Registering a new handset .. | 22 |
| What is in the box | 7 | Storing an entry in the phone book | 13 | Register Another DECT GAP | |
| Connection and condition for use | 7 | Reviewing the phonebook | 14 | compatible handset | 23 |
| Choosing a site for the Base | 7 | Dialing a phone book entry | 14 | Multi Handset Use | 23 |
| Radio signal between handset and base. | 7 | Editing an entry in the phone book | 15 | Internal outgoing calls | 23 |
| Charging the batteries | 8 | Deleting an entry in the phonebook | 15 | Transferring a Call | 23 |
| Electrical Safety | 8 | Deleting all entries in the phonebook... | 15 | Call Shuttle | 23 |
| Emergency calls | 8 | CALLER ID | | Three way conference call | 24 |
| STARTING UP | | Call Screening | 16 | Register another HM base to HM | |
| Connecting the mains power supply to the | | CID Phonebook Matching | 16 | Handset | 24 |
| unit | 9 | CID Reserved and Unavailable | 16 | Register Another DECT GAP | |
| Inserting the handset battery | 9 | CID - Repeat Call Indication | 16 | compatible handse | 24 |
| Charging the handset | 9 | CID call list review | 16 | Base Selection | 24 |
| Handset battery charge level | 9 | To store a CID entry in the phonebook. | 17 | To select base station | 24 |
| Setting the handset date and time | 9 | Deleting a CID record | 17 | | |
| Connecting the telephone line | 9 | Call back from the calls list | 18 | ADVANCE FEATURES | |
| Standby mode display | 10 | Voice Mail Box | 18 | Programming | 25 |
| USING YOUR PHONE | | Caller ID on Call Waiting (CID-CW).. | 18 | Change PIN Code | 25 |
| To make and end calls | 11 | PERSONALIZING YOUR SETTING | | De-registering a handset | 25 |
| Preparatory dialing (pre-dial) | 11 | Selecting Handset Ringer melodies for | | Redall (Flash) time selection | 25 |
| Receiving external calls | 11 | External or Internal Calls | 19 | Pause time selection | 26 |
| Handsfree Function | 11 | Setting the handset ringer volume ... | 19 | Reset to factory default settings | 26 |
| Re-dialing | 12 | Selecting Base Ringer melodies | 19 | Quick reset | 26 |
| Using MUTE | 12 | Setting Base Ringer Volume | 19 | Default setting parameters | 27 |
| Using RECALL (FLASH) | 12 | Setting Handset Earpiece Volume . | 20 | Technical details | 27 |
| Using Pause function | 12 | Alert tones | 20 | USE IN BUSINESS | 28 |
| | | Naming the Handset | 21 | Troubleshooting Guid..... | 29 |
| | | Language selection | 21 | | |

KEYS POSITION



LCD DISPLAY ON HANDSET

















































| Symbol | Explanation |
|--|--|
|  | Always displayed when your handset is on, shows the battery status. |
|  | All bars filled - battery fully charged. Empty and you hear a warning tone (during a call) - batteries are low and need charging. |
|  | In Use indicator Illuminate when the phone is in use. |
|  | Flashes when receiving an external (outside) call. Remains steady when an external call is in progress. |
|  | Flashes when receiving an internal call. Remains steady when an internal call is in progress. |
|  | Flashes when you have new Calls log entries. Remains steady when viewing the Calls log. |
|  | Keypad is locked. You cannot make calls, only receive them. |
|  | Displayed when you have a message waiting. |
|  | Displayed when you access the menu. |
|  | Phonebook is in use. |

| Symbol | Explanation |
|---|--|
|  | Handsfree speaker is in use. |
|  | The call is muted. |
|  | - Remains steady - the handset has a satisfactory signal link with the base. - Flashes when the handset is losing its signal link with the base |
|  | Displayed when the handset ringer is set to OFF. |
|  | - When the displayed phone number/name has more than 12 digits/characters, this symbol is displayed to indicate there is more to view. The display can only show 12 digits/characters at one time. - Displayed if item list extends above current position. |
|  | - When the displayed phone number/name has more than 12 digits / characters, this symbol is displayed to indicate there is more to view. The display can only show 12 digits/characters at one time. - Displayed if item list extends above current position. |

MENU OPTIONS

| | | | | |
|------------|--------------------|----------|--------------|-------------|
| PHONE BOOK | ADD | . | BASE | RING VOL |
| | EDIT | . | | RING MELODY |
| | DELETE | . | | RECALL |
| | DELETE ALL | . | | PAUSE |
| | LIST | . | | CHANGE PIN |
| | | . | | DEFAULT |
| | | . | | |
| HANDSET | TONES | - | REGISTRATION | REGISTER |
| | | KEY TONE | | SEL BASE |
| | | LOW BATT | | DEL HS |
| | | RANGE | | |
| | RING VOL | | | |
| | | . | | |
| | EXT MELODY | . | | |
| | INT MELODY | . | | |
| | EAR VOL | . | | |
| | AUTO ANS | . | | |
| | HS NAME | . | | |
| | LANGUAGE | . | | |
| | DATE / TIME | . | | |
| | | . | | |
| | | . | | |
| | | . | | |

QUICK REFERENCE GUIDE

| Function | Button press |
|--------------------------------|--|
| Switch handset off |  until display goes off. |
| Switch handset on |  until display comes on. |
| Adjust earpiece volume | During a call, press  or  to select required volume. |
| Make a call / preparatory call |  , enter number / Enter number,  . |
| End a call |  or place handset on base / charger. |
| Receive a call | Phone rings,  . |
| Make a handsfree call |  , enter number, press  or place handset on base cradle/charger to end call. |
| Redial |  ,  or  to display number,  . |
| Privacy | During a call, press  , then  again to resume call. |
| Store phonebook number |  , <i>PHONEBOOK</i> ,  , <i>ADD</i> ,  , <i>NAME?</i> enter name,  , <i>NUMBER?</i> enter number,  , <i>VIP OFF</i> , use  or  to select ringer melody for VIP setting,  ,  to exit. |
| Dial phonebook number |  ,  or  (or enter keypad letter),  . |
| Internal call |  , enter internal handset number,  to exit. |
| Select handset ringer volume |  ,  , <i>HANDSET</i> ,  ,  , <i>RING VOL</i> ,  ,  or  to select level,  ,  to exit. |
| Select handset ringer melody |  ,  , <i>HANDSET</i> ,  ,  , <i>EXT MELODY</i> or <i>INT MELODY</i> ,  ,  or  to select melody,  . |

INSTALLATION PRECAUTION

What is in the box

When you unpack your phone, make sure you keep all packing materials in a safe place, in case you later need to transport it or return it for servicing. In the box, you will find:

- handset
- 2 pieces of AAA type rechargeable 600mAh battery
- A piece of base unit
- AC adaptor
- Battery cover
- User Manual
- A telephone line cable

If you have purchased a multi-pack, for each additional handset, you will have the following:

- Additional handset
- 2 pieces of AAA type rechargeable 600mAh battery
- Charger
- AC adaptor
- Battery cover

Connection and condition for use

The phone can be connected to the public network using the standard telephone plug and socket systems. You can connect your phone to:

- A line connected directly to a local exchange, with its own directory number.
- An extension socket connected to a local exchange
- An extension on an approved PABX.

Choosing a site for the Base

The base unit should be installed where:

- The mains adaptor plug will reach the 220V AC main power supply.
 - The telephone cable will reach your telephone line socket.
 - It is not close to another telephone.
 - It is not close to a sink, shower or anywhere else where it might get wet
 - It is not close to other electrical equipment (washing machines, microwave oven, TV, fluorescent lights, etc.)
1. Choose a suitable site for the base
 2. Plug-in the mains power lead and the telephone line cord on the base back side, make sure the telephone line is not yet connected to the telephone wall socket.
 3. Plug the mains AC adaptor into the AC mains socket. The base will beep.

Radio signal between handset and base

To use your cordless telephone, you must be able to establish a radio link. It is therefore noted that:

- Placing the base unit as high as practical will give a better result.
- Placing the base unit near any large metal object, like refrigerator or filling cabinet may block the transmission of radio signal.
- Other solid structures, like walls may reduce the radio signal strength.

Charging the batteries

Your handset needs battery to operate. During the first use of your phone, it is recommended that the handset is left over on charge overnight to ensure maximum in-use time.

1. Only use the rechargeable batteries supplied with your phone.
2. Install the rechargeable batteries into the rear of your handset. **MAKE SURE** you insert the batteries in correct polarity.
3. Position the battery cover over the rear of the handset and slide into place.
4. Place the handset on the base unit to charge.
5. The red LED CHARGE light on the base unit indicating that the handset is charging, but it will not go out even if the battery is full - it will light up whenever the handset is on the base cradle.

NOTE : 1) *If the charge LED on the base do not light up, reposition the handset in the base unit ensuring the charging points contact.* 2) *Regular cleaning is necessary for base and handset charge contacts with clean dry cloth to maintain conductivity of the contacts.*

Electrical Safety

1. **DO NOT** install the base unit near a sink, bath or shower or anywhere else where it could get wet. Electrical equipment can cause serious injury if used while you are wet or standing on water.
2. If the base unit ever falls into water, **DO NOT** retrieve it until you have unplugged the AC mains power adaptor and the telephone line plug from the telephone wall socket.

3. **DO NOT** allow the handset to come in contact with water.
4. **DO NOT** open the handset or the base.
5. **DO NOT** allow the charging contacts or the battery to come in contact with electrical conductive materials such as metals, rings, paper clip, key, etc.
6. **MAKE SURE** you insert the batteries in correct polarity.
7. **NEVER USE** your DECT phone in the open air during a thunderstorm - unplug the base unit from the telephone line and the AC mains socket where there are storms in your area. Damage caused by lightning may likely happen.
8. If your DECT phone is not to be used for long period of time, disconnect the main AC power adaptor from the AC power socket and the telephone line from the telephone wall socket.

Emergency calls

Your DECT phone need mains power. So you cannot use for placing a call during AC power failure. Thus, a basic phone that do not need AC mains power is needed to place an emergency call during power failure.

STARTING UP

Connecting the mains power supply to the unit

- Plug the mains power adapter lead into the rear base.
- Now plug the mains power adapter into the power socket and switch the power on.

Inserting the handset battery

- Remove the battery compartment cover from the rear hand.
- Install **2 pieces** of AAA Ni-MH rechargeable batteries in the battery compartment with correct polarity. (If battery level is enough, the handset will power on and then enter standby mode.)
- Shut the battery cover.

Charging the handset

- You will need to fully charge the handset before use. Place the handset in the base unit.
- When the handset sits in the base, the handset battery is being charged. The charge LED on the base will come on and stay lit while the battery is being charged.
- When the battery is fully charged, the status symbol displayed on the handset LCD screen should show as fully charged.

Note: First time charging time: 15 hours

Handset battery charge level

1. The Level of the battery power is indicated as a battery icon on the LCD display in the handset. If the battery icon shows empty, your phone need to be charged.
2. When in use and your phone emit battery low warning tone, your phone need to be charged.
3. When fully charge your phone will operate for eight (8) hours talk time for earpiece, one hour for the speaker phone and 100 hours of standby time.

Setting the handset date and time

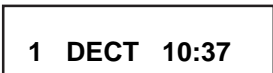
1. Press the OK/Menu button. You will see PHONEBOOK in the display.
2. Press DOWN button to scroll to HANDSET option.
3. Press OK/Menu button to confirm.
4. Press DOWN button to scroll to DATE/TIME.
5. Press OK/Menu button again. The first digit of Date will flash.
6. Enter two digits of the current date (e.g. 26) from the numeric keypad. Then the digit of Month will flash.
7. Enter two digits of the current month (e.g. 08) from the numeric keypad. Then the digit of Hour will flash.
8. Enter two digits of the current hour (e.g. 18) from the numeric keypad. Then the digit of Minute will flash. (Note: The Date/Time format is 24 hours.)
9. Enter two digits of the current minute (e.g. 54) from the numeric keypad.
10. Press OK/Menu button to confirm the setting and confirmation tone will be heard..
11. Press the TALK-OFF button to escape to standby mode.

Connecting the telephone line

- Plug the telephone line cord into the line socket at the rear base.
- Plug the other end into the telephone wall socket.

Standby mode display

When the handset is not in use, the handset is in the **standby mode**. The LCD will display as:



Where:

- 1: Handset assigned number
- DECT: Handset name
- 10:37: Time of the day (10 AM, 37 minutes)
(ex : 23:37 : 11 PM, 37 minutes)

Note that, the clock and date should be set.

Note : *When your phone encountered AC power failure, or when you removed the AC adaptor, the clock will be inaccurate. Upon power up, it will be automatically set the time to **00:00** and the date to **01/01**. You need to set the correct time and date when your base is power on.*

If your PSTN provides FSK CID, your DECT phone clock will automatically set the time and date when you receive CID from the PSTN network. This will only work if your PSTN connection can provide FSK CID with valid date and time information.

When your phone handset is out of battery power, just put the handset on the charge cradle on the base and the time and date will be restored. There is no need to set again the time and day.

If you register new handset of your phone, there is no need to set the clock on the new handset. The Time and Date will synchronized to all handsets. If you changed the Time and Date on one handset, the changes will take effect on all handsets.

USING YOUR PHONE

To make and end calls

- 1) Press Talk-On button and wait for dial tone. The In Use indicator and EXT icon will appear in the display, and the LCD backlight will go on.
- 2) Dial your desired number on handset.
- 3) Speak into the microphone when the party answers.
- 4) To end the call, either press Talk-Off or place the handset back on the base. The In Use indicator and EXT icon will disappear.

Preparatory dialing (pre-dial)

* Pre-dialing allows you to enter and modify a number before dialing.

- 1) In standby mode (i.e. when the phone is not in use), enter the telephone number from the numeric keypad. (up to 25 digits allowed. If the number exceeds 12 digits, the last 12 digits are displayed) you wish to dial, it will appear in the display.
- 2) If you have entered a digit incorrectly, you can delete it by pressing the CANCEL button.
- 3) If you wish to delete the whole telephone number, press and hold the CANCEL button for 3 seconds. The handset will return to standby mode.
- 4) Press TALK-ON button. The displayed number will be dialed.
- 5) To end the call, either press the TALK-OFF button or place the handset back on the base.

Receiving external calls

- When you receive an incoming call both your handset and

base will ring, provided that the ringers are set to on. The EXT icon will flash in the handset display and the In Use LED on the base will flash as well. Meanwhile, the LCD backlight will go on.

- If you have subscribed to caller ID service, the New CID symbol (see LCD layout) blinks in the display. The call number (if available) is also displayed. The date and time of the call is displayed when OK/Menu button is pressed. Your DECT phone has a VIP function that will inform your VIP person is calling - the VIP call will have different ringer melody you specified and different backlight color comparing a normal caller - see VIP setting operation in the PHONEBOOK part in the later page.

- 1) Press TALK-ON or Speakerphone button to answer the call.
- 2) To end the call, either press TALK-OFF button or place the handset back on the base.

Handsfree Function

The handset can be used in two-handsfree modes:

- 1) By switching the internal earpiece to a speaker in the handset.
- 2) When connected to a headset which transfers the voice to a remote microphone and earpiece.

Using Handsfree during a call

- 1) To switch to handsfree operation during a call, press the Speakerphone button. (You can now hold your conversation handsfree without having to hold the handset to your ear.) When speakerphone function is on, the speaker icon will appear on the display.
- 2) Press the Speakerphone button again to turn end handsfree. You now need to hold the handset to your ear.
- 3) To end the call, press TALK-OFF button, or replace the handset in the base.

Using Handsfree to make a call

- 1) Press Speakerphone button.
- 2) When you hear the dial tone, dial the number you require. The number appears on the LCD screen and you hear it being dialed.
- 3) To end the call, press TALK-OFF button, or replace the handset in the base.

Re-dialing

* The last 10 dialed external numbers are stored for redialing (in the re-dial list). The number can consist of up to 25 digits. The user can select any number on the redial list to redial in pre-dialing mode. The last calls appear with their name if they are stored in the phonebook.

To redial any of the last 10 numbers called

- 1) In standby mode, press UP button. The last number dialed is displayed.
- 2) Scroll through the calls with UP and DOWN buttons.
- 3) If you do not want to redial, use TALK-OFF to exit.
- 5) Press TALK-ON button when the number you desired appears on the LCD.
- 6) To end the call, press TALK-OFF or replace the handset on the base.

Using MUTE

During a call you can mute your voice so that you can speak privately to a third party without the caller being able to hear you. You will still be able to hear your caller.

- 1) During a call, press PHONEBOOK / MUTE button (the mute icon will appear in the LCD).
- 2) Press the PHONEBOOK / MUTE button again to talk to your caller again.

Using RECALL (FLASH)

- Press the TALK-ON/RECALL button during a call for RECALL function - This function is used for network services. e.g. to access call waiting, conference calling and other services provided by your local phone service provider.

Using Pause function

- Press and hold the UP button for about 3 sec, you can insert a pause in the memory dialing sequence.

Adjust the handset earpiece during a call

During a call, use the UP or DOWN button, you can adjust the receiver volume to a high or low level. The display will show EAR VOL n (n=volume level from 1 to 5).

Switching your handset On or Off

- Press and hold TALK-OFF button to power off the handset.
- Press TALK-OFF button to power on the handset again.

Page function

If you lose or misplace your handset you can press the Page on base to relocate it.

- Press the Page button on the base. The paged handset will ring. The In Use LED on the base will flash and INT icon will blink in the LCD screen of handset.
- To stop paging, press the PAGE button on the base again, or press any key on the handset.
- * If you do not stop the paging ring, it will stop automatically after 30 seconds.

Out of range warning

During standby:

- The range symbol on the display flashes when your handset loses its link with the base. When your handset re-establishes its link with the base the range symbol becomes steady.

During a call:

- When the handset is too far away from the base during a call, an alert tone (if you sent the alert tone on) is repeatedly sounded in the handset. Bring the handset closer to the base so that the signal gets stronger. If you do not bring the handset back in range, your call will be disconnected.

USING PHONE BOOK

Note: You can store up to 25 phone records in the handset with up to 12-characters for name, and up to 25 digits for numbers. You can add new numbers, modify a number, delete an entry or all entries in the phonebook. or look up a number in the phonebook memory and dial out. You can set a number as a VIP number for yourVIP person. When you receive the VIP call from the related VIP person, you will hear your specified VIP ringer melody!. This VIP function is only available when you subscribed to a Caller ID service. .

Storing an entry in the phone book

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Press OK/Menu button again. ADD is displayed.
3. Press OK/Menu button again. NAME? is displayed.
4. Input name (max. 12 characters) from the alphanumeric keypad.
 - ** Using the handset keypad to enter characters:
 - You can enter characters by pressing the key with the required character on a number of times according to its position in the string of characters on the key legend. E.g. for C, press 2 three times; for S, press 7 four times, for J, press 5 once.
 - If you wish to enter successive characters which are on the same key, you must wait for the cursor to move to the next location on the screen before entering the next character.
 - To enter a space, press 1 once. To enter --, press 1 twice. To enter 1, press this key thrice.

- If you make a mistake while entering the name or number, press CANCEL to delete the last character entered. Repeat for any earlier incorrectly entered characters and then re-enter the required characters.
- 5. Press **OK/Menu** button to confirm. NUMBER? is displayed.
- 6. Input phone number (max. 25 digits) from keypad.
- 7. Press **OK/Menu** button to confirm. VIP OFF is displayed.
- 8. If you want to set the number as a VIP call, press UP button to select your desired ringer melody for the VIP call ringer tone and then press OK/Menu button to confirm;
- 9. If you do not want set the number as a VIP call, then just press OK/Menu button.
- 8. To add another phone book entry, follow steps above.
- 9. Press TALK-OFF button to escape to the standby mode.

Reviewing the phonebook


* You have two methods to access the phonebook.

a. To access phonebook via Menu option:

1. Press **OK/Menu** button. PHONEBOOK is displayed.
2. Press **OK/Menu** button again. ADD is displayed.
3. Press DOWN button to scroll to the option LIST.
4. Press **OK/Menu** button.
5. Press **OK/Menu** button. The first entry is displayed.
6. Use UP and DOWN button to scroll until the required name is displayed.
7. You can also use the alphanumeric keys to view the entries. When a key between 2 and 9 is pressed, the

first entry of the name that starts with the first character of the key is displayed. Pressing the same key again displays the first entry of the name that starts with the next character on the key and so on. E.g. press 2 key once, to jump to the first entry in the list that starts with A. Press 2 again to jump to the first entry in the list that begins with B.

Note: When searching PHONEBOOK entries by letter and there is no entry stored with that letter, it will not display the next letter in alphabetical order - the screen information will remain unchanged.

8. Press **OK/Menu** button to view the number. If the number includes more than 12 digits, then the symbol  is turned on and the first 12 digits of the number are displayed. Press DOWN button to display the remaining digits. Press OK/Menu again to display the VIP setting - VIP OFF will be displayed if the number is set as non-VIP call, and the VIP ringer melody will be displayed if the number is set as VIP call. Press OK/Menu button again to show the name again.
9. Press the TALK-ON button to dial out the number shown on the display, or, press TALK-OFF button to escape to standby mode.

b. A simply way to access phonebook list

- You can access phonebook simply by pressing the Phonebook/Mute button in standby mode.

Dialing a phone book entry

While reviewing the phonebook, you can -

- 1) Press TALK-ON button when you see the desired number showing on the display.
- 2) To end the call, press TALK-OFF button or replace the handset on base.

Editing an entry in the phone book

* You can amend the name and number of any entry stored in your phonebook:

1. Press **OK/Menu** button. PHONEBOOK is displayed.
2. Press **OK/Menu** button again. ADD is displayed.
3. Press DOWN button to scroll to the option EDIT.
4. Press **OK/Menu** button. The name of first phone book entry is displayed.
5. Use the UP and DOWN button to scroll through the records until the required name is displayed.
6. Press **OK/Menu** button when the required name displayed.
7. Use the alphanumeric keys and CANCEL to make the required changes.
8. Press **OK/Menu** button when changes are completed. The number is displayed.
9. Press CANCEL to delete any digits you wish to change and re-enter the number.
10. Press **OK/Menu** to confirm.
11. The VIP setting will appear. Press UP and DOWN button to select the VIP setting (VIP OFF or ringer melody for VIP.)
12. Press OK button to confirm.
13. Press TALK-OFF button to escape to the standby mode.

Deleting an entry in the phone book

* You can delete an entry currently stored in your phonebook:

1. Press **OK/Menu** button. PHONEBOOK is displayed.
2. Press **OK/Menu** button again. ADD is displayed.
3. Press DOWN button to scroll to the option DELETE.
4. Press **OK/Menu** button. The name of first phone book entry is displayed.
5. Use the UP and DOWN button to scroll through the records until the required name is displayed.

6. Press **OK/Menu** button, the number will be displayed.
7. Press **OK/Menu** button again. CONFIRM? is displayed.
8. Press **OK/Menu** button to confirm the deletion, or press CANCEL to exit if you do not want to delete it.
9. Press TALK-OFF button to escape to the standby mode.

Deleting all entries in the phone book

1. Press **OK/Menu** button. PHONEBOOK is displayed.
2. Press **OK/Menu** button again. ADD is displayed.
3. Press DOWN button to scroll to the option DELETE ALL.
4. Press **OK/Menu** button. CONFIRM? is displayed.
5. Press **OK/Menu** button to confirm the deletion, or press CANCEL to exit if you do not want to delete it.
6. Press TALK-OFF button to escape to the standby mode.

CALLER ID

Caller Identity Delivery (CID) is a feature of Telephone system that will let you see who is calling on the line. The CID feature will also let you know who calls you in your absence and you can use the VIP function to tell an incoming call from your VIP person. (Note: In some instance due to CID network, the normal ring melody will play first and then followed by VIP melody.)

Call Screening

With CID service implemented on your telephone line, when your phone rings, the number of the caller will display on the LCD of the handset. (If your telephone system service can provide the caller name, your phone will display the name instead of the number). You have the option to receive the call or not.

- a. When your phone rings, the calling number will appear in your handset display if CID service is available. The last 30 incoming calls will be saved in the CID call list. Your handset CID icon and Base In use/New Call LED will flash, indicating new call/s.
- b. Press **TALK-ON** to take the call.
- c. Press **TALK-OFF** to end the call or you may simply put your handset on the base.

CID Phonebook Matching

With CID service implemented in your telephone, if the number of the caller matches the telephone number you stored in your phonebook, it will display the name same as the name in the phonebook rather than the CID number or name. When you review the caller list, it will display the name as same as in the phonebook and not the number.

CID Reserved and Unavailable

If CID service is available in your telephone network and your phone will display UNAVAIL or WITHHELD when an external call comes in, this means that the caller information is not available (UNAVAIL) or withheld (RESERVED).

CID - Repeat Call

If you received repeat call (as the same call as you previously received), it will be stored in the call log memory repeatedly as normal call (i.e. non-repeat call).

CID call list review

During your absence or not able to attend to a call, your phone will remember the number and time of the call. The base In-use / NEW CALL indicator and your handset CID icon are flashing to indicate new calls. Your phone can save 23 coming calls including repeat calls (each entry will store max. 25 digits of call number and max 12 characters of caller name.). If calls are more than 23, the old name and number of the caller will be deleted to give space for new callers.

To review CID call list

1. Press **DOWN** arrow button. (If there is no CID, the LCD will display EMPTY.)
2. Use UP and DOWN button to scroll through the Calls list.
 - If the CID system offered by your PSTN is single format, it will display the number.
 - If the CID system offered by your PSN is multi format, it will display the name.
 - If the calling party number is registered in your phonebook, the name of this calling party as it appear in the phonebook will be displayed.

3. Press OK/Menu to view the number if the name is displayed first. Press OK/Menu to see the remaining digits if the number is more than 12 digits.
4. Press OK/Menu to see the call time.
5. Use UP and DOWN button to see other records in Calls list.
Note: while scrolling the calls log, and appear -----, this indicates the bottom/upper end of Call Logs.
6. Press and TALK-OFF to exit the CID review list.

Note: The DECT phone has a function of Auto-update the date and time information of the CID. If the CID do not contain the date and time information, your phone will use the internal real time clock in the CID stamp in the call logs.

To store a CID entry in the phonebook

1. Press DOWN button. The most recently received CID is displayed.
2. Use UP and DOWN button to scroll through Calls list.
3. Press OK/Menu to view the number if the name is displayed first. Press OK again to see the remaining digits if the number consists of more than 12 digits).
4. Press OK/Menu again to display the call time.
6. Press OK/Menu again. ADD will be displayed if the entry has not been stored in the phonebook yet. If the entry has been stored in the phonebook, then the option will not be displayed, only DELETE option will appear on LCD.
(Note: Your DECT phone can detect automatically whether the CID entry is stored the phonebook or not. The option ADD will only appear when the CID entry has not been stored in the phonebook yet).

7. Press OK/Menu button again. NAME? will appear to ask you to add the name if the CID entry comes without a name. If the entry comes with a name already, then the name (instead of the enquiry) will be displayed.
8. You can enter the name (if the CID entry comes without a name) or re-edit the name (If the CID entry comes with a name already) from the alphanumeric keys.
9. Press OK/Menu button to confirm.
10. The number will appear on the display, you can press the OK/Menu button to confirm the number or re-edit the number use the CANCEL and the number keys and then press OK/Menu button to confirm the number you edit.
11. The VIP setting will appear on the display, use UP button and down button to set the VIP setting and then press the OK/Menu button to confirm the setting.
12. Press TALK-OFF to exit.

Deleting a CID record

If the CID entry has been stored in the phone book:

- 1) Press DOWN button. The most recently received CID is displayed.
- 2) Use UP and DOWN button to scroll through the Calls list.
- 3) Press OK/Menu to view the number if name is displayed first. Press OK/Menu again to see the remaining digits if the number includes more than 12 digits).
- 4) Press OK/Menu again to display the call time.
- 5) Press OK/Menu again. DELETE? will appear on LCD.
- 6) Press OK/Menu button to confirm.
- 7) Press TALK-OFF button to exit.

If the CID entry has not been stored in the phone book:

- 1) Press DOWN button. The most recently received CID is displayed.
- 2) Use UP and DOWN button to scroll through the Calls list.
- 3) Press OK/Menu to view the number if the name is displayed first. Press OK/Menu to see the remaining digits if the number is more than 12 digits.
- 4) Press OK/Menu again to display the call time.
- 5) Press OK/Menu again. ADD will be displayed.
- 6) Press DOWN button to scroll to the option DELETE.
- 7) Press OK/Menu button to confirm.
- 8) Press TALK-OFF to exit.

Call back from the calls list

This feature only works if the CID record contains a valid phone number.

1. Press DOWN button. The most recently received CID is displayed.
2. Use UP and DOWN button to scroll through the Calls list.
3. You can use OK/Menu button to see each detailed CID information.
4. Press TALK-ON when your desired number or name is displayed. The number will be dialed automatically.

Voice Mail Box - Message Waiting

If your PSTN network provide a Mail Box service, your DECT phone can let you know if you have a message in the PSTN Mailbox Center.

If you have one message in the PSTN Mailbox Center, the message waiting icon will be displayed in your handset and the In-use LED in the base is blinking fast.

Voice Mailbox Hot Key :

Your Handset have a special key for you to call you PSTN Mailbox Center. In the standby mode or in talk mode, press and hold digit 1. Your PSTN mailbox number will dialled out. You can change your Voice Mailbox number in the Handset menu - Voice Mailbox.

Review Message :

In the standby mode or in talk mode, press and hold digit 1. Your PSTN mailbox number will dialled out. Once you are connected to the PSTN mailbox center, it will provide you a voice recording on how you can proceed to listen to your message. After you reviewed your message, the mailbox icon in the handset will disappear and the In-use LED in the base will stop blinking.

Caller ID on Call Waiting (CID-CW)

If you are connected to a PSTN network offering a CID-CW service, you can avail of the convenience to answer a second caller while in conversation. Normally, you can hear a notification ring while you are in conversation with the first caller. With a special key combination [example : press Flash and then digit 2], the first caller will be put to on-hold and you can answer the second caller. You can go back to the first caller and have conversation then switch back to the second caller.

PERSONALIZING YOUR SETTING

Selecting Handset Ringer melodies for External or Internal Calls

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Press DOWN button. HANDSET is displayed.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option EXT MELODY or INT MELODY.
5. Press OK/Menu button. The LCD shows: MELODY: X (X= one number of 10 melodies) and you will hear a sample melody.
6. Use the UP and DOWN button to select your desired melody.
7. Press OK/Menu button to confirm when you hear your desired melody.
8. Press TALK-OFF button to escape to the standby mode.

NOTE: If your phone is connected to PSTN with CID service and your VIP function is on - your EXT melody will be override if the calling person belong to VIPperson.

Setting the handset ringer volume

** For the handset ringer volume, you can select Volume 1 to 5, ASCENDING, or VOL OFF.

- 1) Press OK/Menu button.
- 2) Press the Down button. HANDSET is displayed.
- 3) Press OK/Menu button. TONES is displayed.
- 4) Press Down button. RING VOL is displayed.
- 5) Press OK/Menu button.
- 6) Use UP and DOWN button to select your desired volume. (Volume 1 to 5, ASCENDING, or VOL OFF).

- 7) Press OK/Menu button to confirm the setting.
- 8) Press TALK-OFF button to escape to the standby mode.

Selecting Base Ringer melodies

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to BASE.
3. Press OK/Menu button, RINGER VOL is displayed.
4. Use DOWN button to scroll to the option RING MELODY.
5. Press OK/Menu button. The LCD shows MELODY: X (X= one number of 5 melodies) and you will hear a sample melody.
6. Use the UP and DOWN button to select your desired melody.
7. Press OK/Menu button to confirm when you hear your desired melody.
8. Press TALK-OFF button to escape to the standby mode.

Setting Base Ringer Volume

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to BASE.
3. Press OK/Menu button, RING VOL is displayed.
4. Press OK/Menu button. The LCD shows VOLUME: X (X= one of 5 volume levels) and you will hear a sample volume level.
5. Use the UP and DOWN button to select your desired volume level; If you want to set the ringer off, select VOL OFF.
6. Press OK/Menu button to confirm the setting.
7. Press TALK-OFF button to escape to the standby mode.

Setting Handset earpiece Speakerphone Volume

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Press DOWN button. HANDSET is displayed.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option EAR VOL.
5. Press OK/Menu button. The display will show EAR VOL: X (X=earpiece volume level from 1 to 5).
6. Use UP or DOWN button to select your desired level.
7. Press OK/Menu button to confirm and exit to EAR VOL.
8. Press TALK-OFF button to escape to the standby mode.

Alert tones

You can choose to turn on or off of the following tones according to your preferences.

Key beep

* This alert sounds a tone each time a key is pressed.

- 1) Press OK/Menu button. PHONEBOOK is displayed.
- 2) Press DOWN button. HANDSET is displayed.
- 3) Press OK/Menu button. TONES is displayed.
- 4) Press OK/Menu button again. KEYTONE is displayed.
- 5) Press OK/Menu button again. ON or OFF is displayed.
- 6) Use UP or DOWN to select ON or OFF setting.
- 7) Press OK/Menu button to confirm the setting.
- 8) Press TALK-OFF button to escape to the standby mode.

Low battery

- 1) Press OK/Menu button. PHONEBOOK is displayed.
- 2) Press DOWN button. HANDSET is displayed.
- 3) Press OK/Menu button. TONES is displayed.
- 4) Press OK/Menu button again. KEYTONE is displayed.
- 5) Press DOWN button. LOW BATT is displayed.
- 6) Press OK/Menu button again. ON or OFF is displayed.
- 7) Use UP or DOWN to select ON or OFF setting.
- 8) Press OK/Menu button to confirm the setting.
- 9) Press TALK-OFF button to escape to the standby mode.

Out of range

- 1) Press OK/Menu button. PHONEBOOK is displayed.
- 2) Press DOWN button. HANDSET is displayed.
- 3) Press OK/Menu button. TONES is displayed.
- 4) Press OK/Menu button again. KEYTONE is displayed.
- 5) Use DOWN button to scroll to RANGE option.
- 6) Press OK/Menu button again. ON or OFF is displayed.
- 7) Use UP or DOWN to select ON or OFF setting.
- 8) Press OK/Menu button to confirm the setting.
- 9) **Press TALK-OFF to escape to the standby mode.**

Naming the Handset

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Press DOWN button. HANDSET is displayed.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option HS NAME.
5. Press OK/Menu button.
6. Use CANCEL button to delete the original name and the Enter your desired handset name from the keypad (max 5 characters).
7. Press OK/Menu button to confirm the name.
8. Press TALK-OFF button to escape to the standby mode.

Language selection

* 8 languages are selectable: ENGLISH , FRENCH, SPANISH, GERMAN, ITALIAN, DUTCH, TURKIC, RUSSIAN.

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Press DOWN button. HANDSET is displayed.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option LANGUAGE.
5. Press OK/Menu button. The display will show ENGLISH.
6. Use UP or DOWN button to select your desired language.
7. Press OK/Menu button to confirm and exit to LANGUAGE.
8. Press TALK-OFF button to escape to the standby mode.

Keypad lock

Locking the keypad prevents you dialing a number accidentally. This can be useful with small children. When the keypad is locked, when an incoming call arrives, you can press the TALK button to take the line to answer the call. All keys are available during the conversation and the keypad is locked at the end of the call.

To switch keypad lock ON/OFF

- a. Press OK/Menu button.
- b. Press * button to switch the keypad ON of OFF.
* When the keypad lock is on, the lock icon will be displayed.

Auto Answering

When the Auto Answer function is activated, you are able to answer a call by lifting the handset out of the base cradle without having to press the TALK-ON key.

To Set the AUTO Answer function on or off

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Press DOWN button. HANDSET is displayed.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option AUTO ANS.
5. Press OK/Menu button. The display will show ON or OFF.
6. Use UP or DOWN button to select ON or OFF.
7. Press OK/Menu button to confirm and exit to AUTO ANS.
8. Press TALK-OFF button to escape to the standby mode.

EXPANDING YOUR DECT SYSTEM

Adding new handset

Your HM base can register up to 5 HM handsets or any GAP compatible handsets. (Note: However, the HM features of real time clock, VIP and other special features of NTLTD1300 may not be available when using different GAP DECT Phone of different brand).

The handset number is displayed at the left side corner in the handset LCD. It is labeled as 1, 2, 3, 4, or 5. Your original handset is the 1st to be registered to your base, so, it is labeled as 1.

To register another HM handset to your base, you should know your NTLTD1300 system PIN code. This is a numerical digit code (maximum of 8 digits). It was preset to 0000. You can changed this PIN code if you like that your HM cordless phone system will not access by other person. See To Change PIN Code in the following part ADVANCE FEATURES.

You cannot register another handset to your HM if you do not know the PIN code.

Registering a new handset

This function allows you to register a handset with a base station. Up to 5 HM handsets can be registered to a Sapphire base station and each HM handset can be registered to up to 4 HM base units. If your HM base already has 5 handsets, and you wish to change one of them, you must firstly delete a handset, then register the new handset.

Note: Initially this function is not required since the handset supplied in this system is already registered to the base supplied. However, this procedure is required if you add a further handset to the system. It would be required for the existing handset if you inadvertently de-register it.

Note: Before beginning of a registration procedure, ensure the new handset is fully charged, and position the base unit and new handset in front of you.

On the base:

Press and hold the PAGE button until the base emit two beeps and the In Use LED will flash. This means that the base is put into registration mode and it is now ready to be associated with a new handset, during 180 seconds after pressing the button only.

On the handset:

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to REGISTRATION.
3. Press OK/Menu button. REGISTER is displayed.
4. Press OK/Menu button. BS (base) 1 to 4 is displayed. The blinking number indicates a FREE BASE which means you can register your HM handset to any of these free base. If number 2,3 and 4 are blinking, press 2 on the keypad to register this handset to base number 2. When you entered the base number for this handset, then the handset will display PIN?.
5. Use numeric keys to enter PIN number of the base unit (default is 0000). Press OK/Menu to confirm. SEARCH2 will be displayed. (SEARCH 2 means that the handset is looking for the base number 2 where you intend your NTLTD1300 handset to register.

- When the NTLD1300 handset find the base in registration mode, it will acquire registration and once finished the registration process, it will go to the standby mode. You can press the page key of the base - the newly registered handset should emit the paging tone.

Note:

Your handset number will be assigned by the Base where you register this handset. If that base already has handset 1, then this handset will be handset 2.

If your HM handset emits a long beep while in the process of registration, it means that the base is already full registration and cannot register this handset. You may go to the Service Center to let the in-charge personnel to make the registration for you. If you experienced unsuccessful registration at the first time, repeat the registration.

Register Another DECT GAP compatible Handset

For registration of another DECT GAP Handset to your HM Base, you should know the procedure for registration of this Handset and so you need refer the User guide of this Handset. Make sure that this Handset has not yet reached the maximum Base it can register.

Multi Handset Use

Your HM DECT phone can use two (5) handsets.

Internal outgoing calls

When you have more than one handset registered to your DECT phone base, you can call this handset: This is internal call or handset to transfer call as distinct to external call (outside telephone call).

- Press CANCEL.
- Enter the number of the internal handset from keypad. (You should know the number of the other handset/s registered

to the base.). The intercom called user need to accept your intercom call by pressing the TALK-ON button.

- To end the call, either press TALK-OFF button or place the handset back on the base.

Transferring a Call

When you have more than one handset registered to your DECT phone base, you can transfer an external call to this handset or any of the handsets. You should know the number of the handset registered to your base.

- During a call, press CANCEL.
- Select the number of the internal correspondent that you wish to call; the external call is put on hold.
- When the internal correspondent picks up, press TALK-OFF to hang up and transfer the call.
- If the internal correspondent does not pick up, press CANCEL again to reconnect to the external caller on line.

Note: Any of the handset can be used to initiate internal call (INT call). If any of one handset is being used EXT call, all the handset will display **EXT** on the handset LCD display. In this case, any of the other handsets cannot be used to place an EXT call, it need to wait the handset on EXT call to be finished before it can make a new EXT call.

Call Shuttle

If your have more than one handset, you can transfer the external (EXT) call to other handset, the other handset can then follow the same procedure to transfer the call back to you, i.e. you can shuttle the external call back and forth between your handset and the other handset.

Either handset should follow the steps shown in Transferring a Call to use call shuttle.

Three way conference call

If you have more than one handset registered to your DECT phone base, you can have 3-way simultaneous conversation. You should know the number of the other handset registered to your DECT phone base.

1. When you engaged in an external (EXT) call, press the CANCEL/INT followed by the handset number where you wish to transfer the call. While calling the other handset, the EXT call is on hold. The called handset need to accept the INT (internal) call by pressing the TALK-ON button.
2. Once the called handset answer the call, press and hold the # button to initiate 3-way conference call.
3. If the other handset is no answer or do not want to take the EXT call, press CANCEL/INT in your handset to return to the EXT call.

Register another HM base to HM Handset

Before registering another HM base to your HM handset, make it sure that this base is not yet registered to 5 handsets. The base can only accept 5 handsets registration. The handsets can be registered with up to 4 bases simultaneously.

- **To register another HM base to HM handset, following the same step of Registering a New Handset** in the previous page.

Register Another DECT GAP compatible Base

For registration of another DECT base to your HM handset, you should know the procedure for registration of this base and the PIN code. Please refer the User guide of that Base. Make sure that this base has not yet reached the maximum handset it can register. **Note : Some special features of HM handset, such as real time clock, VIP etc may not be available when using different GAP Base DECT phone.**

Base Selection

- . There are two options for use when setting the base selection method:
- . **Auto:** Set the base selection setting to AUTO, so that whenever the handset-base link is lost or when the system powers up, the handset searches to connect to any available registered base.
- . **Fixed:** By assigning one of the registered bases to be fixed, it will be the only base to be searched for when the handset-base link is lost or when the system powers up.

To select base station

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to REGISTRATION.
3. Press OK/Menu button. REGISTER is displayed.
4. Use DOWN button to scroll to SEL BASE.
5. Press OK/Menu button.
6. Use the UP & DOWN button to select the base number (from 1 to 4) or select AUTO. Note: If you select AUTO, it will select the base with strongest signal and the first base it will search. (Note: Base numbers shown with an o in front of the number are those that your handset is registered with. You can only select a base number with an o in front of it or the AUTO option.)
7. Press OK/Menu button. The handset will beep and then it will confirm the SYNC with a beep. If the handset LCD display base 1 or BASE n (where n is base number) keep on flashing, it cannot find the base. In this case, set it to AUTO.
8. Press TALK-OFF button to escape to the standby mode.

ADVANCED FEATURES

Programming

The following will describe some features of your HM DECT phone for users who want to do more than simply make and answer calls.

If you have only one handset and base unit, and if you do not need to prevent unauthorized use of your HM DECT phone, you probably do not need the Advanced Features.

Change PIN Code

Due to the restriction for programming, your HM must be protected with user PIN. The default PIN is 0000. You can change this PIN code, however, **you must choose a PIN number which is easy to remember by you or write the PIN code secretly.** The maximum digit for PIN is 8 digits (example 35575431).

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to BASE.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option CHANGE PIN.
5. Press OK/Menu button. The LCD shows PIN?
6. Enter the old 4 digits PIN number from the numeric keypad (Default PIN code is 0000).
7. Press OK/Menu button. The display shows NEW PIN.
8. Enter a new PIN number (max. 8 digits) from the numeric keypad.
9. Press OK/Menu button to confirm. The LCD shows RETYPE.
10. Use numeric keypad to re-enter the new PIN.
11. Press OK/Menu to confirm.
12. Press TALK-OFF button to escape to the standby mode.

De-registering a handset

If you have more than one handset register to you base, you can de-register (remove subscription from your HM base) the other handset. If you have only one handset, you cannot de-register your own HM handset to its base.

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to REGISTRATION.
3. Press OK/Menu button. REGISTER is displayed.
4. Use DOWN button to scroll to DEL HS.
5. Press OK/Menu button. PIN? is displayed.
6. Use the numeric keys to enter the PIN code.
7. Press OK/Menu button. HANDSET 1 is displayed.
8. Press UP or DOWN button to select the handset you want to de-register and then press OK button to confirm. You will hear a confirmation beep. The selected handset will emit tones when it is deregistered and will show NOT REG.
9. Press TALK-OFF button to escape to the standby mode.

Recall (Flash) time selection

If your phone is intended to be connected to a PABX or PSTN, the RECALL duration may be different. Your phone has a 5 preset Recall (FLash) time as: 80, 100, 180, 300 and 600 msec.

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to BASE.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option RECALL.
5. Press OK/Menu button. The display will show RECALL: X (X= Flash time 1 to 5).
6. Use UP or DOWN button to select your desired flash time.
7. Press OK/Menu button to confirm and exit to RECALL.
8. Press TALK-OFF button to escape to the standby mode.

Pause time selection

If your phone is intended to be connected to a PABX, the PAUSE duration may be required. Your phone has a 4 preset Pause time as: 1, 1.5, 2 and 3 sec.

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to BASE.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option PAUSE.
5. Press OK/Menu button. The display will show PAUSE: X (X= pause time 1 to 4).
6. Use UP or DOWN button to select your desired pause time.
7. Press OK/Menu button to confirm and exit to PAUSE.
8. Press TALK-OFF button to go back to the standby mode.

Reset to factory default settings

This feature will restore the default setting of your DECT phone. If you have lost your PIN code, the following procedure allows you to restore default setting on handset and base. But all the programming done earlier like setting the ringing volume, ringing melody, external call melody, clear the phonebook, clear the LNR, etc. will be defaulted.

1. Press OK/Menu button. PHONEBOOK is displayed.
2. Use DOWN button to scroll to BASE.
3. Press OK/Menu button.
4. Use DOWN button to scroll to the option DEFAULT.
5. Press OK/Menu button. The LCD shows PIN?.
6. Enter the base PIN number from the numeric keypad.

7. Press OK/Menu button to validate system default. The handset will lost SYNChronization to the base. The base will beep also indicating a successful default. After about 2 seconds, the Handset will beep and gain SYNC again to the base.

Note:

If you are using 2 or more handsets (multi handset operations), default one handset will take no effect on the other handset. But the base will always be defaulted no matter who among the handset will initiate the default setting.

Quick Reset

* If you have lost your PIN code, the following procedure allows you to restore default setting on handset and base.

1. Remove the batteries. Wait for 5 seconds. (Please note the base should be power on.). Then insert the battery again inside the handset compartment and watch closely the LCD.
(For this step, you can also do like this: a) Press and hold TALK-OFF key to power off the handset; b) Press TALK-OFF key again and watch closely the LCD.)
2. Press star key (*) on the handset keypad immediately when the handset is initiating (i.e. when the all the icons are showing on LCD.)
3. The LCD will display: DEFAULT.
4. Press the OK/Menu button. Wait for about 3 seconds.
5. Then Base will reset first followed by the handset. After the handset and base reset, the unit will go into the standby mode.

Default setting parameters

This default setting take into effect when you perform DEFAULT on the handset. (It may vary from customer preferences).

| | |
|---------------|--------------------|
| CID : | EMPTY |
| LNR : | EMPTY |
| PHONEBOOK : | EMPTY |
| PIN CODE : | 0000 |
| TIME : | 00:00 |
| DATE : | 01-01 (January 01) |
| EAR VOL : | 4 |
| SPKR VOL : | 4 |
| HS INT : | 1 |
| HS EXT : | 3 |
| HS RING VOL : | 4 |
| BS RING VOL : | 4 |
| BS RING MEL : | 3 |
| RECALL : | 2 (100 msec) |
| PAUSE : | 4 (3 sec) |
| LANGUAGE : | ENGLISH |
| KEYTONE : | ON |
| LOW BATT : | ON |
| OUTRANGE : | ON |
| AUTO ANSWER: | ON |
| SEL BASE: | 1 |
| HS NAME : | DECT |

TECHNICAL DETAILS

| | |
|------------------------|---|
| Standard: | Digital Enhanced Cordless Telecommunications (DECT) |
| Frequency: | 1.88 to 1.9 GHz |
| Channel Bandwidth: | 1.728 MHz |
| Modulation: | GFSK |
| Data Rate: | 1.152 Mbps (Baud rate) |
| Duplexing: | Time Division Duplex (TDD) |
| RF Accessing: | Time Division Multiple Access (TDMA) |
| Channel: | 120 TDMA channel |
| Speech Encoding: | Adaptive Differential Pulse Code Modulation (ADPCM) at 32 Kbps |
| Speech Security: | Digital Security |
| Power Supply | |
| Handset: | Ni-Mh battery : 2.4 Vdc, 600mAh (2x1.2 AAA) |
| Base: | Input: 230 Vac / 50Hz; Output: 9.0 Vac / 300mA |
| Operating Time | |
| Standby: | 100 hours |
| Talking Time: | 8 hours for headset / earphone mode; 1 hour for speakerphone mode) |
| Operating Temperature: | 0 °C to 40 °C |
| Storage Temperature: | - 20 °C to 60 °C |

USE IN BUSINESS

USE YOUR DECT PHONE IN BUSINESS?

Your DECT phone can be plugged into an extension socket on most PABX. It cannot, however, be guaranteed that it will work satisfactory with all type of PABXs, if you have problems, please consult the authorized maintainer of your PABX. Before attempting to use your DECT phone in your PABX, please refer to the features described in your PABX User Manual.

Dialing type

Your DECT phone is set to tone dialing. These settings are correct for nearly all PABXs. However, if you find that you cannot make calls or use PABX features with your DECT phone, the setting may need to be changed. Consult the documents supplied with your PABX.

Do you need a PAUSE?

Your PABX Manual may tell you that, after dialing the outside PABX access code (usually 9), you should wait for another second Dial Tone before dialing the external call- telephone number. Some PABX do not require you to wait. If you do NOT need to wait for dial tone, you will not need press the PAUSE button to insert Pause during dialing or when storing number in memory. If you need to wait for the second dial tone, you can use the UP arrow button, by pressing and holding until the P letter will appear in the LCD display. ex. Dialing 008522678 in your PABX with an access code of 9 will be: 9P008522678. Your phone will insert a pause between 9 and 008522678. The pause can be set in the Programming under HANDSET-PAUSE.

PABX Access Code and PAUSE ?

Your DECT phone has programmable PAUSE. You can set the PAUSE duration. In doing this, please refer to your PABX User Manual.

Do you need Recall (Flash)?

Your DECT phone Recall (or FLash time) time is Programmable. See SETUP - RECALL. Consult your PABX user manual for teh correct RECALL duration then program your phone under SETUP-RECALL.

At standby mode, dial the telephone number, you should place your PABX access code (usually 9). If you make a mistake you can edit easily. If the line is busy, turn off your phone and call again after some minute, and make use the redial function to dial the same number.

PABX Storing number in the Phonebook

For external call, always put the PABX access code followed by a pause before the telephone number. For PABX internal call, there is no need to put the PABX access code.

TROUBLESHOOTING GUIDE

| Problems | Possible Cause | Action Taken |
|---|---|---|
| Programming display NOT AVAIL. | RF Interference occur during programming. | Retry programming, if possible move closer near the base station. |
| Interference during communications | Out of range or close to other other electrical appliance | Check the handset is not emitting the out of range warning tone. If close to other electrical device move it away. You may need to reconsider the location of your base if this problem persists. |
| New entries is not accepted in phonebook. | Phonebook is full | Max.25 names and numbers can be stored in the phonebook. Delete some of older entries to make more space |
| Time reset to12:00 | The base power was removed or the base was reset. | If the base power was interrupted, the time will also reset or perform Default. Please set the time again. |
| The phone is in strange mode | Multiple selection from the Menu structure | Reset all the user-set features to the factoryDEFAULT. |
| The phone cannot make call | The base unit may not be correctly connected. | Ensure the base unit is correctly installed and connected. Make sure that the power in ON. |
| | Other handset are already in communication (for multi-handset user) | Make sure that, only one internal and external call can be made at the same time. Ensure that other handset is not already in communication prior to use. |
| | Network Failure | Try making a call from another telephone. If unsuccessful, contact your network supplier. |
| | If connected to PABX | Make sure you entered correct PABX code in PBX feature of HM. |
| Base Station does not function | Error in connection or lack of power supply. | Ensure that the Adaptor power supply has been connected to the HM and the adaptor is properly plugged into the AC power plug. Ensure that the AC power should match the Adapter AC voltage. |
| Handset does not function | Battery pack may not be installed correctly. | Ensure that the battery pack has been correctly installed. Follow the polarity marking of the battery and the drawing on NTLD1300 handset battery compartment. |
| | Battery may need further charging | If HM not work when first connected, charge the handset for the recommended charging period. |
| Registration fail | Wrong registration procedure | Make sure you know your HM PIN code. If you are registering new handset to the base, make sure you follow the procedure for registering of another DECT handset. Try again if possible. |